STIC Search Report
EIC 3700

STIC Database Tracking Number: 96433

TO: Elaine Gort **Location: PK5-7B21** **Art Unit: 3627** **Wednesday, June 18, 2003** **Case Serial Number: 09/839245**	**From: Julie Walko** **Location: EIC 3700** **CP2-2C08** **Phone: 305-8587** **Julie.walko@uspto.gov**

Search Notes

Elaine:

Attached are the results to your request regarding a method of selling on the Internet.

I'm not sure I found what you seek, although I did mark some items that appeared relevant. Nevertheless, I recommend you review the entire packet.

If you have any questions or would like this search reworked in any way, please do not hesitate to contact me at the number or address listed above.

FT Patents

14/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00896385
Machine, method and medium for dynamic optimization for resource allocation
PATENT ASSIGNEE:
AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
Roy, Romanath, 4 Linberger Drive, Bridgewater, N.J. 08807, (US)
LEGAL REPRESENTATIVE:
R.A. KUHNEN & P.A. WACKER (101501), Patentanwaltsgesellschaft mbH
Alois-Steinecker-Strasse 22, 85354 Freising, (DE)
PATENT (CC, No, Kind, Date): EP 818747 A2 980114 (Basic)
EP 818747 A3 990526
APPLICATION (CC, No, Date): EP 97111471 970707;
PRIORITY (CC, No, Date): US 676757 960708
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; NL
INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT EP 818747 A2
A machine, method and medium for allocating resources over given time periods. Various requests (e.g., from customers) are received for products and/or services, and a preferred scheme for allocating resources, over a plurality of time periods, to provide the requested products and/or services, is determined. Marketing, procurement and production processes are taken into account in the analysis. The end result is a set of systems indicating how the resources should be deployed over the various time periods to satisfy customer demand.
ABSTRACT WORD COUNT: 82

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination:	010328 A2	Date of dispatch of the first examination report: 20010209
Examination:	20000119 A2	Date of request for examination: 19991119
Withdrawal:	020102 A2	Date application deemed withdrawn: 20010620
Application:	980114 A2	Published application (A1with Search Report ;A2without Search Report)
Change:	980930 A2	Representative (change)
Search Report:	990526 A3	Separate publication of the European or International search report

LANGUAGE (Publication,Procedural,Application): English; English; English

...SPECIFICATION the example depicted by this figure, the marketing and sales force is required to gather **customer** -specific requirements and store them in a **customer** requirements database 702. These requirements are time-dependent and so they should be time-tagged. **Customer** demand, product or service specific features and **customer** expected arrival time or departure time are some of these requirements.

The procurement process is required to gather **vendor** -specific resources or technology alternatives and their **costs** . The **production** process is required to gather **production** -related requirements and their **costs** . This information should be stored in a procurement/ **production** database 704. In addition, the procurement process should identify possible warehouse or plant locations. For example, in telecommunication

industry they are the local serving offices, **network** concentration locations or AT&T POPs. This information should also be time-tagged based on their availability.

A dynamic systems **model** 706 is contemplated to contain the facilities and various modules by which the above-noted...

14/5,K/3 (Item 3 from file: 349)

00865409 **Image available**

BUSINESS METHOD FOR FACILITATING THE SALE OF GOODS AND SERVICES
TECHNIQUE COMMERCIALE DESTINEE A FACILITER LA VENTE DE BIENS ET DE SERVICES

Patent Applicant/Assignee:
ASHLAND INC, 50 East RiverCenter Boulevard, Covington, KY 41012-0391, US, US (Residence), US (Nationality)
Inventor(s):
D'ANTONI David, 6252 Little Minch Court, Dublin, OH 43017, US,
PORTLAND Michael, 6192 Grey Friar Way, Dublin, OH 43017, US,
Legal Representative:
HUMPHREY Thomas W (et al) (agent), Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200198995 A1 20011227 (WO 0198995)
Application: WO 2001US18452 20010608 (PCT/WO US0118452)
Priority Application: US 2000212611 20000619
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English

bad date

English Abstract
A method for facilitating the purchase of goods and services of a targeted population (15), typically of medium to small-sized industrial manufacturers, fabricators and others, at a lower total cost. A facilitating entity (22) establishes and acts as the hub of a trading network and provides multiple value-added services to facilitate trade through that hub. The facilitating entity establishes business relationships with selected suppliers (16, 18) of goods and services and with business partners (12, 14). The facilitating entity negociates attractive prices with the suppliers given the volume purchases of its business partners and of the business partner customers. The facilitating entity also establishes an information processing system that provides access to the trading network's suppliers by the business partners and the business partner customers and their employees. The resulting arrangement is mutually beneficial to the business partners, customers and suppliers, enabling all three to realize increased efficiencies and profitability.

Legal Status (Type, Date, Text)
Publication 20011227 A1 With international search report.
Publication 20011227 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20020516 Request for preliminary examination prior to end of 19th month from priority date

Detailed Description
... goods and, services of a targeted population, typically of medium to small-sized industrial 0 **manufacturers** , fabricators and others. This business method, is based. upon a model that leverages current market environments to enable primarily medium to smal.1 sized, **customers** of relatively large **suppliers** to **electronically** purchase goods and services **produced** by **suppliers** at a lower total **cost** .

Specifically, ...by a 5 Facilitating Entity that establishes and. acts as the hub of a trading **network** and. provides multiple value-added services to facilitate trade through that hub.

The Facilitating Entity establishes business relationships with selected **Suppliers** of goods and services and. with Business Partners, which are typically companies with a large number of primarily medium and small 2 0 **Customers** . The Facilitating Entity negotiates attractive **prices** with the **Suppliers** given the volume purchases of its Business Partners and of the w0 01198995 PCT/USO1/18452 Business Partner **Customers** . The Facilitating Entity also establishes an information processing system that provides access to the trading **network** 's **Suppliers** by the Business Partners and the Business Partner **Customers** and their Employees. This infonnation processing system can either be a proprietary system or a...

...The Facilitating Entity also provides a complete package of services to facilitate trade through the **network** . These services include sales and marketing materials and processes to be used by the Business...

14/5,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00844201 **Image available**
METHOD AND SYSTEM TO OBTAIN AUTOMATIC QUOTATIONS FROM MANUFACTURING DETAILS
Patent Applicant/Assignee:
OPTIMATION INC, 2nd Floor, 300 North Osage, Independence, MO 64050, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
LUNDY Michael D, 3820 S. Union, Independence, MO 64055, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
SLICER Penny R (et al) (agent), Stinson, Mag & Fizzell, P.C., 1201 Walnut Street, P.O. Box 419251, Kansas City, MO 64141-6251, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200177781 A2-A3 20011018 (WO 0177781)
Application: WO 2001US11347 20010406 (PCT/WO US0111347)
Priority Application: US 2000544894 20000407
Parent Application/Grant:

Related by Continuation to: US 2000544894 20000407 (CIP)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English

English Abstract
A network system (10) and method for enabling automatic price quotations for the production of a product and/or automatic production of a product without the need for a customer to disclose proprietary drawings and specifications to the supplier. One aspect of the invention is directed to a network system (10) and method for obtaining price quotations for the production of a product from suitable supplier members within the network system, wherein the manufacturing details of the product are utilized to develop the price quotation for each supplier member, but are not required to be disclosed to the supplier members for such purpose. Another aspect of the invention is directed to a network system (10) and method for ordering the production of a product whereby the manufacturing details for the product are conveyed to the supplier member in a machine readable form that can be implemented by the supplier member's specific process machinery for immediate production, and subsequent delivery.

Legal Status (Type, Date, Text)
Publication 20011018 A2 Without international search report and to be republished upon receipt of that report.
Examination 20020404 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20020704 Late publication of international search report
Republication 20020704 A3 With international search report.

Detailed Description
... are likewise able to take advantage of a wider range of competitive pricing and qualified **production** suppliers.
This system is in essence a virtual factory, which brings together a full range...

...which they may not otherwise be able to do, because they can use third party **suppliers** for expansion which requires significantly less resources than building or purchasing their own factory and equipment and hiring personnel to staff the facility. Furthermore, if a manufacturer **customer** utilizes the network system to have product produced and delivered in a new territory which proves unprofitable, then the **customer** can simply cease ordering production within that area with no additional **costs** incurred. The **suppliers** are able to produce the parts with accuracy without risk of misinterpretation which can happen with conventional redrawing methods.

The **supplier** saves great **expense** by receiving the NC/CNC programming ready to produce and eliminating the **cost** associated with conventional invoicing and collections.

The network system may be an open public network existing on the Internet and accessible by an unlimited number of **customer** members and **supplier** members.

Alternatively, the network system may be a closed, privately owned intranet that restricts access to only a single **manufacturing** entity's plants, subsidiaries and **suppliers** . An intranet network system allows a **manufacturing** entity to create a large **supplier** database and allow its plants to subsidiaries to share information regarding these **suppliers** . In addition, the manufacturing entity is able to maintain an additional level of security for...preferred embodiment of the present invention.

Figure 4 is a display of an interactive cost **model** form in accordance with a preferred embodiment of the present invention.

Figure 5 is a...on the home page (Fig. 2.).

'In order to obtain a quotation and/or order **production** of a product using the **network** system, the **customer** member's description of the product to be **produced** in the form of a CAD drawing must first be converted to a uniform description using a pre-defined code of designation for each **manufacturing** detail. This uniform description is then used to automatically develop a **price** and delivery quotation for each **supplier** member of the **network** system based upon the cost and delivery **models** of the supplier member. For purposes of this invention, **manufacturing** details encompass all of the various aspects of the product and methods of **production** needed to enable a supplier to make the product and/or provide **production** services rèlative to the product. The **manufacturing** details include part geometry; bends including angle and radius of the bends; process edge quality...

14/5,K/21 (Item 21 from file: 349)

00807401 **Image available**

METHODS AND SYSTEMS FOR MARKET CLEARANCE
PROCEDES ET SYSTEMES DESTINES A L'EQUILIBRE DU MARCHE

Patent Applicant/Inventor:
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WISE Andrew J, 11490 Old Ranch Road, Los Altos Hills, CA 94024, US, US (Residence), US (Nationality)
Legal Representative:
GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farrabow Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200140977 A2 20010607 (WO 0140977)
Application: WO 2000US32776 20001204 (PCT/WO US0032776)
Priority Application: US 99169338 19991206
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English

Legal Status (Type, Date, Text)
Publication 20010607 A2 Without international search report and to be republished upon receipt of that report.
Examination 20011018 Request for preliminary examination prior to end of 19th month from priority date
Declaration 20011227 Late publication under Article 17.2a
Republication 20011227 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Detailed Description
... Therefore, there is a need in the art for a market clearing mechanism that preserves **buyers** ' choices, while still enabling them to purchase as a group. '
Fourth, there is no good...

...the Internet also enables the creation of efficient group-selling marketplaces that can efficiently price **suppliers** 'aggregated supply. The issues of forming a group-selling marketplace are similar to those ...buying marketplace. Especially relevant is the necessity to (i) allow for variable prices among aggregated **sellers** in order to form larger groups and **produce** more efficient pricing for all parties; and (ii) to motivate **buyer** and **seller** behaviors that **produce** earlier 1 0 offers.

Group-selling marketplaces differ from group-buying marketplaces in that a...

...selling marketplace works well for commerce in standardized products that have limited supply, or whose **cost** of **production** increases with volume, for example, crude oil, commodity crops, and dairy products. 1 5 Bid...

...auctions, and reverse auctions only discover the historical demand for products at previously demonstrated transaction **prices** .

They cannot tell **buyers** and **sellers** how much product will trade at **prices** above or below those already demonstrated in the marketplace. Hence bid ask exchanges, auctions, and reverse auctions cannot give **sellers** the information they need to determine the economic desirability of bidding **prices** lower than those previously transacted. But this is precisely the information needed to drive a maximally efficient marketplace.

None of the previously existing forms of a marketplace **produce** accurate real-time price elasticity for either demand or supply. Market participants normally invest in economic models to predict price-elasticity.

Building such **models** is especially difficult for predicting demand at prices below those historically transacted or for predicting...

14/5,K/37 (Item 37 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00781860 **Image available**
NETWORK-BASED VIRTUAL COMMODITY EXCHANGE
MARCHE VIRTUEL DE BIENS SUR RESEAU
Patent Applicant/Assignee:
INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, New York, NY 10504, US, US (Residence), US (Nationality)
IBM UNITED KINGDOM LIMITED, Po Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU, GB, GB (Residence), GB (Nationality), (Designated only for: MC)
Inventor(s):
CRABTREE Michael Ray, 263 Bukit Timah Road, #01-04, Casa Rosita, 259704 Singapore, SG,
CHANG Suhwe Lee, #07-21 Blk 411 Woodlands St 41, 730411 Singapore, SG,
QUEK Nancy, 16, Jalan Teliti, 537308 Singapore, SG,
Legal Representative:
ZERBI Guido Maria (agent), IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, GB,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200114994 A2 20010301 (WO 0114994)
Application: WO 2000GB3158 20000814 (PCT/WO GB0003158)
Priority Application: SG 994128 19990819
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English

Legal Status (Type, Date, Text)
Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010525 Request for preliminary examination prior to end of 19th month from priority date
Declaration 20011108 Late publication under Article 17.2a
Republication 20011108 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Detailed Description
... of only the information required to consummate a transaction.

Thus, the embodiments of the invention **produce** business and technical advantages. The advantages of this virtual e-trading **model** include real-time access to the lowest possible **cost** for commodities, the ability to conduct an **electronic** auction, and provide a real-time application of decision support tools to component purchasing process

(makes **buyers** smarter and more responsive). other advantages include linking seamlessly the total supply chain from component supplier to **Electronic** Card Assembly and Testing (ECAT) **manufacturer** , for example, and enabling real-time "pull" of **pricing** , availability, and technical information from **supplier** **web** sites.

III. End-to-End Integration of Purchasing Life Cycle
The **electronic** virtual-commodity-exchange system of the embodiments provides a unique capability for implementing real-time...

14/5,K/69 (Item 69 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00360164 **Image available**
SYSTEM AND METHOD FOR MANAGING ATP
SYSTEME ET PROCEDE DE GESTION DE CAPACITE DE PROMESSES D'ORDRE COMMERCIAL
Patent Applicant/Assignee:
i2 TECHNOLOGIES INC,
Inventor(s):
KENNEDY Brian M,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9700489 A1 19970103
Application: WO 96US9963 19960610 (PCT/WO US9609963)
Priority Application: US 95491167 19950616
Designated States: AL AM AT AZ BB BG BR BY CH CN CZ DE DK EE ES FI GE HU IL IS KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: **G06F-017/60**
Publication Language: English

English Abstract
A software system for managing available to promise and making promises to fulfill customer requests is provided. The software system includes a supply chain model representing a chain of supply. The supply chain model includes site models that represent sites having capacity and that manage material flow. The supply chain model also includes seller models that represent sellers and that manage forecasting and purchasing. Commitments between sites are modeled by requests and promises, and the sellers can post requests on behalf of sites in anticipation of future requests from the sites.

Claim
... of Claim 4, wherein the software system is located in and executed by a digital **computer** , the digital **com**puter comprising: a data storage device; an execution memory operable to hold the software system; and...

...7. A software system for managing available to promise and making promises to fulfill **customer** requests, the software system comprising: a product **model** representing a product, the product **model** specifying a **supplier** site, an item **produced** by that site, a minimum quantity, a minimum order lead time, a list of **customers** allowed to purchase, and **pricing** for the product; wherein a **customer** request having desired characteristics matching the product can be fulfilled by a promise of the...

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Set     Items   Description
S1     612450   INTERNET OR ONLINE OR ON()LINE OR ELECTRONIC? OR NETWORK? -
            OR COMPUTER? OR WEB OR WWW
S2      50198   SELLER? ? OR VENDOR? ? OR RETAILER? ? OR WHOLESALER? ? OR -
            MERCHANT? ? OR TRADER? ? OR BROKER? ? OR SUPPLIER? ?
S3      95205   BUYER? ? OR PURCHASER? ? OR CONSUMER? ? OR CUSTOMER? ?
S4     681313   COST? ? OR PRIC??? OR RATE? ? OR FEE OR FEES OR EXPENSE? ?
S5    1005120   PRODUCE? OR PRODUCTION? OR MANUFACTUR?
S6     260286   MODEL? OR SIMULAT?
S7     269389   S6 OR MODELS
S8       3696   S1 AND S2 AND S3 AND S4 AND S5 AND S7 AND IC=G06F
S9         89   S1(S)S2(S)S3(S)S4(S)S5(S)S7 AND IC=G06F
S10        64   S9 NOT PY>2001
S11       102   S1(10N)S2(10N)S3(10N)S4(10N)S5(10N)S7 AND IC=G06F
S12        75   S11 NOT PY>2001
S13        75   IDPAT (sorted in duplicate/non-duplicate order)
S14        75   IDPAT (primary/non-duplicate records only)
? show files
File 348:EUROPEAN PATENTS 1978-2003/Jun W01
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030605,UT=20030529
        (c) 2003 WIPO/Univentio
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Inventor Search

3/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014446758 **Image available**
WPI Acc No: 2002-267461/200231
XRPX Acc No: N02-207957

Buy and sell transaction for non-commodity material over network, by estimating operating and production costs for non-commodities to determine which, if any, of non-commodities are within maximum cost

the patent

Patent Assignee: CICHANOWICZ J E (CICH-I)
Inventor: **CICHANOWICZ J E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020023044	A1	20020221	US 2000199126	P	20000424	200231 B
			US 2001839245	A	20010423	

Priority Applications (No Type Date): US 2000199126 P 20000424; US 2001839245 A 20010423
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020023044	A1		12	G06F-017/60	Provisional application US 2000199126

Abstract (Basic): US 20020023044 A1

NOVELTY - Each of multiple sellers provides physical, chemical and/or electrical characteristics, and the cost of the non-commodity available for sale, and creates a database of the non-commodity including the different physical and chemical characteristics for each non-commodity available for sale.

DETAILED DESCRIPTION - A buyer provides a performance simulation model of a chemical, mechanical or electrical process with equipment currently in operation and with a desired amount of the non-commodity for use in the process. The buyer also provides a desired maximum operating cost or maximum production cost, or desired operating characteristics of the process. The operating and production costs are estimated for at least some of the non-commodities from the database of different non-commodities to determine which, if any, of the non-commodities are within the maximum cost. The buyer is provided with a list of non-commodities that when used as input for the process are within the desired maximum operating and production costs, or provide certain operating characteristics. A database and standard datamining techniques are utilized to record performance of the process with the selected non-commodity item. The recorded information is applied in the formulation of a request-for-proposal for future purchases of non-commodity materials or items.

An INDEPENDENT CLAIM is also included for a system for conducting buy and sell transactions over a network for non-commodity that can have differing chemical and physical characteristics.

USE - For buy and sell transaction of non-commodity materials or items, such as coal, crude oil, electronic components, and paper pulp.

ADVANTAGE - Enables selection of optimal material or item for design or process.

DESCRIPTION OF DRAWING(S) - The figure represents a block diagram of the logic flow for explaining the buy and sell transaction for non-commodity material over network.

pp; 12 DwgNo 1/1

Title Terms: BUY; SELL; TRANSACTION; NON; COMMODITY; MATERIAL; NETWORK; ESTIMATE; OPERATE; PRODUCE; COST; NON; COMMODITY; DETERMINE; NON; COMMODITY; MAXIMUM; COST

Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

3/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010292132 **Image available**
WPI Acc No: 1995-193391/199525
XRAM Acc No: C95-089509
Catalytic reduction of nitrogen oxide(s) with ammonia - esp. in combustion exhaust gas, using pillared interlayered clay as catalyst
Patent Assignee: ELECTRIC POWER RES INST INC (ELPO); UNIV NEW YORK STATE RES FOUND (UYNY)
Inventor: **CICHANOWICZ J E** ; YANG R T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5415850	A	19950516	US 9322333	A	19930224	199525	B

Priority Applications (No Type Date): US 9322333 A 19930224
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5415850	A		13	B01J-008/00	

Abstract (Basic): US 5415850 A
Nitrogen oxides (NOx) are selectively reduced with ammonia by mixing a gas containing NOx with ammonia and contacting the mixture with a catalyst comprising a pillared interlayered clay (PILC) compsn.. The compsn. comprises an effective amt. of phylosilicate, pyrophillate, talc, bentonite or any other clay effective for forming a PILC, and one more metals utilised as the pillars; the metals are Fe, Ti, Cr, Al or Zr.
USE - NOx are removed from exhaust gases resulting from fuel combustion, esp. in coal-fired and heavy oil-fired boilers and heating furnaces employing high sulphur fuels.
ADVANTAGE - The method is less expensive than prior methods; the catalyst has long life and poison resistance. SO2 is not oxidised to undesirable SO3, and harmful trace elements, e.g. As and Hg, are removed.
Dwg.3/4
Title Terms: CATALYST; REDUCE; NITROGEN; OXIDE; AMMONIA; COMBUST; EXHAUST; GAS; PILLAR; INTERLAYER; CLAY; CATALYST
Derwent Class: E36; J04
International Patent Class (Main): B01J-008/00
File Segment: CPI

3/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010004612 **Image available**
WPI Acc No: 1994-272323/199434
XRAM Acc No: C94-124574
Integrated system to remove contaminants from flue gas - including SOx, dust and NOx sequentially using alkali reagent, dust collector and redn. with catalyst or ammonia
Patent Assignee: ELECTRIC POWER RES INST INC (ELPO); UNIV NEW YORK STATE

RES FOUND (UYNY)
Inventor: ANDES G M; **CICHANOWICZ J E** ; GLOVER R L; RHUDY R G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2112634	A	19940701	CA 2112634	A	19931230	199434	B

Priority Applications (No Type Date): US 92999299 A 19921231
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2112634	A		32	B01D-053/34	

Abstract (Basic): CA 2112634 A

A method of treating a contaminated gas stream to remove particles, SOx and NOx is disclosed. The method involves the steps of: (a) adding an alkaline reagent to the gas stream, to react with the Sox, (b) removing particles (including the reagent and reaction prods.) in a filter, and (c) removing NOx by selective catalytic redn. (SCR) using ammonia. These steps are pref. carried out sequentially.

Appts. is also claimed.

Pref. the alkali reagent is powdered NaHCO3 and the filter is the pulse-jet fabric type. Some contaminants in the gas stream may be condensed to allow their removal in the filter. The condensn. may be accomplished by injecting water into the gas stream. The SCR reaction is performed using a low-temp. SCR catalyst, pref. a transition metal sulphate. The catalyst should have sufficient activity to provide at least 50% conversion of NOx. At less than 250 deg.C.. The catalyst is Fe, Co or Ni sulphate. Enough NH3 should be added to reduce the NOx to N2 pref. 100% - 200% of the stoichiometric amt. for the redn. reaction. Pref. the NH3 is diluted (using e.g. N2 or air) to reduce the formation of salts in the catalyst, and the NH3 is added to the gas before the reverse-jet filter.

USE/ADVANTAGE - Integrated pollution control system for removal of particulates, SOx and NOx from gases, esp. flue gases in coal-fired power stations. Process gives efficient, cost-effective removal of contaminants.

Dwg.1/2

Title Terms: INTEGRATE; SYSTEM; REMOVE; CONTAMINATE; FLUE; GAS; DUST; SEQUENCE; ALKALI; REAGENT; DUST; COLLECT; REDUCE; CATALYST; AMMONIA
Derwent Class: E36; J01
International Patent Class (Main): B01D-053/34
International Patent Class (Additional): B01D-046/02; B01D-053/36
File Segment: CPI

3/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009031969
WPI Acc No: 1992-159330/199219
XRAM Acc No: C92-073558
Low temp. conversion of nitrogen oxide(s) to nitrogen@ - by catalytic redn. in presence of ammonia and sulphur dioxide
Patent Assignee: ELECTRIC POWER RES INST INC (ELPO); UNIV NEW YORK STATE (UYNY)
Inventor: CHEN J; **CICHANOWICZ J E** ; YANG R T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5106602	A	19920421	US 90547766	A	19900703	199219	B

Priority Applications (No Type Date): US 90547766 A 19900703
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5106602	A		10		

Abstract (Basic): US 5106602 A

Nitrogen oxides (I), partic. in flue or exhaust gas streams, are reacted in a zone (II) with NH3 in the presence of a transition metal sulphate catalyst (III) to convert oxides (I) to N2. SO2 is maintained in zone (II) to promote conversion. (III) is pref. a sulphate of Fe, Co or Ni with sufficient Bronsted activity to convert (I) with at least 50% efficiency at temps. below 250 deg.C.

Pref. concns. of SO2 and (I) in zone (II) are equal. Operating temp. is pref. 225 deg.C, but can be at room temp. in a H2O-free atmos. NH3 concn. in zone (II) is pref. twice stoichiometric amts. (III) may be supported e.g. on Al2O3 or SiO2. Pref. conversion is in absence of H2O vapour.

USE/ADVANTAGE - Gas treated is esp. from power plant. Process is cheaper and effected at lower temps. than in prior art.

Dwg.0/6

Title Terms: LOW; TEMPERATURE; CONVERT; NITROGEN; OXIDE; NITROGEN; CATALYST ; REDUCE; PRESENCE; AMMONIA; SULPHUR; DI; OXIDE
Derwent Class: E35; E36; J01
International Patent Class (Additional): B01J-008/00; C01B-021/00
File Segment: CPI

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Set     Items   Description
S1          4   AU='CICHANOWICZ J E'
S2          4   IDPAT (sorted in duplicate/non-duplicate order)
S3          4   IDPAT (primary/non-duplicate records only)
? show files
File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)
         (c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Jun W01
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030605,UT=20030529
         (c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200338
         (c) 2003  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
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B:6/10
Patents

11/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014298807 **Image available**
WPI Acc No: 2002-119510/200216
XRPX Acc No: N02-089777
Goods dealing agency method involves mediating dealing of goods between seller and purchaser based on classified and combined selling and purchasing prices
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001357231	A	20011226	JP 2000175673	A	20000612	200216	B

Priority Applications (No Type Date): JP 2000175673 A 20000612
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001357231	A		10	G06F-017/60	

Abstract (Basic): JP 2001357231 A
NOVELTY - The selling and purchasing conditions and **prices** of a dealing goods are received from several **sellers** and **purchasers** through the **internet** . The selling and purchasing **prices** are classified and combined to mediate the dealing between the **sellers** and **purchasers** , accordingly.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(a) Data processing method;
(b) **Manufacturers** terminal equipment;
(c) Information storage medium storing goods dealing agency program
USE - For dealing goods.
ADVANTAGE - User's good dealing is made to establish at once. Many purchasing user are satisfied and a **broker** also collects many establishment **fee** . Several dealing is established at one time.
DESCRIPTION OF DRAWING(S) - The figure shows the **model** of logic structure of the **manufacturers** terminal equipment of one form of operation. (Drawing includes non-English language text).
pp; 10 DwgNo 1/6
Title Terms: GOODS; DEAL; AGENT; METHOD; DEAL; GOODS; PURCHASE; BASED; CLASSIFY; COMBINATION; SELL; PURCHASE; **PRICE**
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

11/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014219983 **Image available**
WPI Acc No: 2002-040681/200205
XRPX Acc No: N02-030157
Merchandise information provision on world wide web for business applications, involves providing manufacturers or vendors of the device or parts needing repair/replacement, models of the device on a web site
Patent Assignee: BERLINER R (BERL-I)

Inventor: BERLINER R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010034666	A1	20011025	US 2000176899	A	20000118	200205	B
			US 2001764530	A	20010117		

Priority Applications (No Type Date): US 2000176899 P 20000118; US 2001764530 A 20010117
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010034666	A1		5	G06F-017/60	Provisional application US 2000176899

Abstract (Basic): US 20010034666 A1

NOVELTY - Information about the **manufacturers** or other **vendors** of a device needing repair, **models** of the device, parts selected by the user needing repair/replacement are displayed on a **web** site. The revenue for direct sale of replacement devices or parts, referral **fees** or commissions obtained from a **manufacturer** or other **vendor** of the device or part, **consumer** information gathered from the user activities on the **web** site, are derived.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for **Internet web** site.

USE - For providing information about details of merchandise such as small to large household appliances such as vacuum cleaner, to business machines such as typewriters, **computers** , printers and bicycle and automobiles, etc., for enabling maintenance and repair by user.

ADVANTAGE - Allows user to receive instructions about how to make particular repairs, at the same time enabling the user to purchase replacement parts needed to make the repair, by the readily usable **web** site.

DESCRIPTION OF DRAWING(S) - The figure shows the page for use on a **web** site showing repair of a small appliance.

pp; 5 DwgNo 1/1

Title Terms: MERCHANDISE; INFORMATION; PROVISION; WORLD; WIDE; **WEB** ; BUSINESS; APPLY; **MANUFACTURE** ; VENDING; DEVICE; PART; NEED; REPAIR; REPLACE; **MODEL** ; DEVICE; **WEB** ; SITE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

11/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014028706 **Image available**
WPI Acc No: 2001-512920/200156
XRPX Acc No: N01-379775

Computer **system for dynamically metering information, has processor database containing multiplicity of dimensions that are selected from group consisting of volume, freshness, quality, demand**

Patent Assignee: DATA JUNCTION CORP (DATA-N)
Inventor: BIRD C M P; GROSH G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6195646	B1	20010227	US 97855516	A	19970513	200156	B

Priority Applications (No Type Date): US 97855516 A 19970513

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6195646   B1   14 G06F-017/60

Abstract (Basic): US 6195646 B1
NOVELTY - A processor valuates metered information of **pricing model** by dynamically applying several factors applicable to several dimensions. The processor generates partial quotes associated with **model** and determines **price** quote for metered information. Multiplicity of dimensions are selected from group with volume, freshness, prior dealings, enumeration, quality, competition, delivery, demand etc.
DETAILED DESCRIPTION - A database has **pricing models**, multiplicity of dimensions and factors applicable to dimensions.
INDEPENDENT CLAIMS are also included for the following:
(a) Method for metering information;
(b) Method for negotiating **price** for metered information;
(c) Program storage device
USE - Used for dynamically metering information during information transaction.
ADVANTAGE - Enables maintaining sales information solely with **purchaser** 's system. Employs an user friendly graphical interface that simplifies **production** of **pricing models** and allows **vendor** to accomplish difficult tasks of applying dimensional aspects with factors. Facilitates creation of interface for information **vendor**, allowing them to setup shop quickly with a minimum of **computer** programming skills.
DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram **computer network** system and apparatus for employing valuational and transactional features.
pp; 14 DwgNo 1/5
Title Terms: **COMPUTER** ; SYSTEM; DYNAMIC; METER; INFORMATION; PROCESSOR; DATABASE; CONTAIN; MULTIPLICITY; DIMENSION; SELECT; GROUP; CONSIST; VOLUME; FRESH; QUALITY; DEMAND
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

11/5/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013522344 **Image available**
WPI Acc No: 2001-006550/200101
XRPX Acc No: N01-004701
Integrated electronic **inventory management system for agricultural** products **retail distribution industry, draws actual in-field schedule based on user input and application schedule uploaded from** retailer **system**
Patent Assignee: AGWORKS INC (AGWO-N)
Inventor: KAZBEROUK E S; MARTIN C A; PASHEYEV S L
Number of Countries: 091 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200049550	A1	20000824	WO 2000US4162	A	20000217	200101	B
AU 200030013	A	20000904	AU 200030013	A	20000217	200103	
EP 1125229	A1	20010822	EP 2000908719	A	20000217	200149	
			WO 2000US4162	A	20000217		

Priority Applications (No Type Date): US 99251965 A 19990217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200049550	A1	E	54	G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200030013	A			G06F-017/60	Based on patent WO 200049550
EP 1125229	A1	E		G06F-017/60	Based on patent WO 200049550

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 200049550 A1

NOVELTY - A system program (28) is executed on local **retailer** system (18) to generate **customer** orders and application schedules based on user input, on receiving demand. Portable handheld system (42) uploads the schedules from system (18). Field program (44) is executed on the portable system to draw-out actual in-field schedule from the uploaded schedules. The drawn schedule is stored as driver log in system (18).

DETAILED DESCRIPTION - The system program interfaces with **product** inventory database (20), **customer** database (22), **supplier** database (24) and **customer** order database (26) to generate the **customer** orders and application schedules. The system program computes the quantity of the **products** to be delivered to meet the application demands and updates the inventory records. The driver log downloaded to the **retailer** system includes record of weather conditions for each scheduled application and information about field activities. A remote **wholesaler** system (46) executes monitoring program (48) to retrieve information about **product** delivery, from the local **retailer** system.

USE - For managing inventory, delivery and application of seed, feed, chemical fertilizer, herbicides, pesticides, fungicides in agricultural **products** retail distribution industry. Also, in chemical distribution industry and other **product** distribution industries.

ADVANTAGE - By the management of **product** data in time stamped manner, fraud in **manufacturing** and marketing programs is reduced. As updating is automatically performed, mistakes in entry or repeated entry are prevented. Market trends can be available to the wholesale dealer reliably by providing **product** delivery information, hence carryover of excess inventory can be reduced. By providing real-time access to management data for the **retailer** , **manufacturer** and distributor, the farm industry can managed in more efficient and **cost** effective manner.

DESCRIPTION OF DRAWING(S) - The figure shows the **model** plan of inventory management system.

Retailer system (18)
Product inventory database (20)
Customer database (22)
Supplier database (24)
Customer order database (26)
System program (28)
Portable handheld system (42)
Field program (44)
Remote **wholesaler** system (46)
Monitoring program (48)
pp; 54 DwgNo 1/13

Title Terms: INTEGRATE; **ELECTRONIC** ; INVENTORY; MANAGEMENT; SYSTEM; AGRICULTURE; **PRODUCT** ; RETAIL; DISTRIBUTE; INDUSTRIAL; DRAW; ACTUAL; FIELD; SCHEDULE; BASED; USER; INPUT; APPLY; SCHEDULE; RETAIL; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

11/5/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011294392 **Image available**
WPI Acc No: 1997-272297/199724
XRPX Acc No: N97-225598
Product **exchange system for** product **purchasing device - has processor performing preset tasks, and several database with stored specific offers related to specific** product **configurations, system is coupled to** electronic **data communications** network **such as wide area** network
Patent Assignee: CARS INC BY FUSZ (CARS-N)
Inventor: FUSZ E A; KLINE C A; FUSZ E
Number of Countries: 070 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9716797	A1	19970509	WO 96US16634	A	19961018	199724	B
AU 9676636	A	19970522	AU 9676636	A	19961018	199739	

Priority Applications (No Type Date): US 95550455 A 19951030
Cited Patents: 2.Jnl.Ref; US 4992940
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9716797	A1	E	36		

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9676636	A		Based on patent WO 9716797

Abstract (Basic): WO 9716797 A

The system comprises a processor programmed to perform predetermined tasks, and one or more databases with stored specific offers related to specific **product** configurations. The system is coupled to an **electronic** data communications **network** such as a wide area **network** . The database has **product model** data, **price** inquiry data (34A), special request data and accepted offers data (34C) stored in it.

The database comprises several databases, each having one particular type of data stored in it. The system is coupled via a communication **network** to a **buyer computer** . The processor is programmed to, on the receipt of a predetermined command from the **buyer computer** , upload **product** configuration data and **price** data from the database, which is displayed at the **buyer computer** .

USE - Relates to **product** purchase systems and to such systems accessible via communications **network** which facilitates purchase of **products** .

ADVANTAGE - Simplifies and reduces time required, for both **buyer** and **seller** , in completing **product** sales transaction. Enables potential **purchasers** to quickly and easily ascertain offers for sale of **products** in particular geographic region of interest, and to

review all specific **product** configurations of interest in combination with final **pricing** information for **products** in same region.

Dwg.1/12

Title Terms: **PRODUCT** ; EXCHANGE; SYSTEM; **PRODUCT** ; PURCHASE; DEVICE; PROCESSOR; PERFORMANCE; PRESET; TASK; DATABASE; STORAGE; SPECIFIC; OFFER; RELATED; SPECIFIC; **PRODUCT** ; CONFIGURATION; SYSTEM; COUPLE; **ELECTRONIC** ; DATA; COMMUNICATE; **NETWORK** ; WIDE; AREA; **NETWORK**

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06G-007/52

File Segment: EPI

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Set     Items   Description
S1    2890674   INTERNET OR ONLINE OR ON()LINE OR ELECTRONIC? OR NETWORK? -
             OR COMPUTER? OR WEB OR WWW
S2      22166   SELLER? ? OR VENDOR? ? OR RETAILER? ? OR WHOLESALER? ? OR -
             MERCHANT? ? OR TRADER? ? OR BROKER? ? OR SUPPLIER? ?
S3      75943   BUYER? ? OR PURCHASER? ? OR CONSUMER? ? OR CUSTOMER? ?
S4    1403463   COST? ? OR PRIC??? OR RATE? ? OR FEE OR FEES OR EXPENSE? ?
S5    4123936   MANUFACTUR? OR PRODUC?
S6        643   S1 AND S2 AND S3 AND S4 AND S5
S7     154464   MODEL? ? OR SIMULAT?
S8         24   S7 AND S6 AND IC=G06F
S9         24   IDPAT (sorted in duplicate/non-duplicate order)
S10        23   IDPAT (primary/non-duplicate records only)
S11        12   S10 NOT PY>2001
? show files
File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200338
         (c) 2003  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
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